

Title (en)  
CIRCUIT FOR SIMULATING AN ELECTRICAL LOAD

Title (de)  
SCHALTUNG ZUR NACHBILDUNG EINER ELEKTRISCHEN LAST

Title (fr)  
CIRCUIT DE SIMULATION D'UNE CHARGE ÉLECTRIQUE

Publication  
**EP 2310919 A1 20110420 (DE)**

Application  
**EP 09780640 A 20090715**

Priority

- EP 2009059073 W 20090715
- DE 102008034109 A 20080721

Abstract (en)  
[origin: WO2010010022A1] The simulation of large loads with high power conversions is made possible in that a controllable voltage source (13) is provided in the bridge cross branch (12) and an inductance (14) is provided that acts within the bridge cross branch (12), and in that the actual current iist can be adjusted to the value of a predetermined target current isoll by way of a current control unit (15) that acts on the controllable voltage source (13).

IPC 8 full level  
**G05B 17/02** (2006.01); **G01R 31/50** (2020.01); **H02P 29/00** (2016.01)

CPC (source: EP US)  
**G01R 31/2848** (2013.01 - EP US); **G01R 31/327** (2013.01 - US); **G01R 31/50** (2020.01 - EP US); **G05B 17/02** (2013.01 - EP US); **G05B 1/03** (2013.01 - US)

Cited by  
US10809299B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010010022 A1 20100128; WO 2010010022 A8 20101229**; CN 102099755 A 20110615; CN 102099755 B 20140702; DE 102008034109 A1 20100204; DE 102008034109 B4 20161013; EP 2310919 A1 20110420; EP 2310919 B1 20141224; JP 2011528794 A 20111124; JP 5377636 B2 20131225; US 2011133763 A1 20110609; US 8754663 B2 20140617

DOCDB simple family (application)  
**EP 2009059073 W 20090715**; CN 200980127353 A 20090715; DE 102008034109 A 20080721; EP 09780640 A 20090715; JP 2011519126 A 20090715; US 200913054594 A 20090715